



west virginia department of environmental protection

Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: (304) 926-0475 • FAX: (304) 926-0479

Jim Justice, Governor
Austin Caperton, Cabinet Secretary
www.dep.wv.gov

April 03, 2017

D. Edward Brown
3228 Summit Square Place, Suite 180
Lexington, KY 40509-2637

RE: Kanawha Eagle Mining, LLC
South Hollow Preparation Plant
Permit Application No. G10-D017F
Plant ID No. 039-00480

Dear Mr. Brown:

Your application for a permit as required by Section 5 of 45CSR13 - "Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permit, General Permit, and Procedures for Evaluation" has been approved. The enclosed permit G10-D168 is hereby issued pursuant to Subsection 5.7 of 45CSR13. Please be aware of the notification requirements in the permit which pertain to commencement of construction, modification, or relocation activities; startup of operations; and suspension of operations.

This permit does not affect 45CSR30 applicability, the source is a nonmajor source subject to 45CSR30.

In accordance with 45CSR30- Operating Permit Program, the permittee shall submit a certified emissions statement and pay fees on an annual basis in accordance with the submittal requirements of the Division of Air Quality. A receipt for the appropriate fee shall be maintained on the premises for which the receipt has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §§22-5-14.

Should you have any questions or comments, please contact me at (304) 926-0499, extension 1212.

Sincerely,

Thornton E. Martin Jr.
Permit Engineer

c: D. Edward Brown, ebrown@blackhawkmining.com
Jeff Caldwell, jcaldwell@blackhawkmining.com
Donna J. Toler, P & A Engineering and Consultants, Inc., donnatoler@suddenlink.net

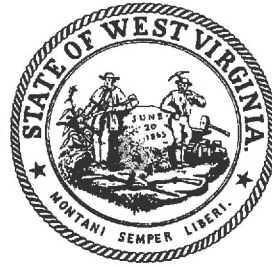
West Virginia Department of Environmental Protection

Division of Air Quality

Jim Justice
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Class II General Permit G10-D Registration to Modify



for the
Prevention and Control of Air Pollution in regard to the
Construction, Modification, Relocation,
Administrative Update and Operation of
Coal Preparation Plants and Coal Handling Operations

*The permittee identified at the facility listed below is authorized to
construct the stationary sources of air pollutants identified herein in accordance
with all terms and conditions of General Permit G10-D.*

G10-D017F

Issued to:

Kanawha Eagle Mining, LLC
South Hollow Preparation Plant
039-00480

A blue ink signature of William F. Durham, written in a cursive style, is positioned above a horizontal line.

William F. Durham
Director

Effective: April 3, 2017

This Class II General Permit Registration will supercede and replace registration G10-D017D approved on April 2, 2015.

Facility Location: Winifrede, Kanawha County, West Virginia
Mailing Address: 3228 Summit Square Place, Suite 180, Lexington, KY 40509-2637
Facility Description: Wet Wash Coal Preparation Plant
SIC Code: 1221 (Bituminous Coal & Lignite - Surface)
NAICS Code: 212111 (Bituminous Coal and Lignite Surface Mining)
UTM Coordinates: 450.97763 km Easting • 4223.28461 km Northing • Zone 17
Lat/Lon Coordinates: Latitude 38.156264 • Longitude -81.558339 • NAD83
Registration Type: Modification
Description of Change: This modification application is for the re-configuration of the facility which will include changes in the process flow, controls, equipment identifications, transfer points, addition/deletion of equipment and inclusion of emergency generators.

Subject to 40CFR60 Subpart Y? Yes
Subject to 40CFR60 Subpart IIII? Yes
Subject to 40CFR60 Subpart JJJJ? No

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit or registration issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§ 22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.

This permit does not affect 45CSR30 applicability. The source is a nonmajor source subject to 45CSR30.

All registered facilities under Class II General Permit G10-D are subject to Sections 1.0, 1.1, 2.0, 3.0 and 4.0.

The following sections of Class II General Permit G10-D apply to the registrant:

Section 5	Coal Preparation and Processing Plants and Coal Handling Operations	<input checked="" type="checkbox"/>
Section 6	Standards of Performance for Coal Preparation and Processing Plants that Commenced Construction, Reconstruction or Modification after October 27, 1974, and on or before April 27, 2008 (40 CFR 60 Subpart Y)	<input checked="" type="checkbox"/>
Section 7	Standards of Performance for Coal Preparation and Processing Plants that Commenced Construction, Reconstruction or Modification after April 28, 2008, and on or before May 27, 2009 (40 CFR 60 Subpart Y)	<input type="checkbox"/>
Section 8	Standards of Performance for Coal Preparation and Processing Plants that Commenced Construction, Reconstruction or Modification after May 27, 2009 (40 CFR 60 Subpart Y)	<input checked="" type="checkbox"/>
Section 9	Reciprocating Internal Combustion Engines (R.I.C.E.)	<input checked="" type="checkbox"/>
Section 10	Tanks	<input checked="" type="checkbox"/>
Section 11	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40 CFR 60 Subpart IIII)	<input checked="" type="checkbox"/>
Section 12	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40 CFR 60 Subpart JJJJ)	<input type="checkbox"/>

Emission Units

Equipment ID No.	Date of Construction, Reconstruction or Modification ¹	Emission Unit Description	Maximum Permitted Throughput		Control Equipment ²	Associated Transfer Points		
			TPH	TPY		Location: B -Before A -After	ID No.	Control Equipment ²
Eagle Mine Raw Coal Circuit								
BC-01	2005	Belt Conveyor receives raw coal from the Eagle Mine and transfers to the screen SS-01 inside the preparation plant	800	7,008,000	PE	B A	TP-01 TP-02	TC-FE TC-FW
Overland Raw Coal Circuit								
BC-04	2004	Belt Conveyor transfers raw coal from area mines to belt conveyor BC-05	1,200	10,512,000	NC	A	TP-08	TC-FE
BC-05	2016	Belt Conveyor receives raw coal from belt conveyor BC-04 and transfers to either open stockpile OS-02 or to belt conveyor BC-06.	1,200	10,512,000	NC	B A A	TP-08 TP-09 TP-12	TC-FE TC-MDH TC-FE
OS-02	2017	(25,000 Ton) Open Stockpile receives raw coal from belt conveyor BC-05. Trucks carry the raw coal from OS-02 to OS-03.	1,200	5,256,000		B A A	TP-09 TP-10 TP-11	TC-MDH LO-UC UL-MDH
BC-06	2016	Belt Conveyor receives raw coal from belt conveyor BC-05 and transfers to belt conveyor BC-07	1,200	10,512,000	NC	B A	TP-12 TP-13	TC-FE TC-FE
BC-07	2016	Belt Conveyor receives raw coal from belt conveyor BC-06 and transfers to either belt conveyor BC-08 or to belt conveyor BC-12	1,200	10,512,000	NC	B A A	TP-13 TP-14 TP-23	TC-FE TC-FE TC-FE
BC-08	2005	Belt Conveyor receives raw coal from belt conveyor BC-07 and transfers to belt conveyor BC-09	800	7,008,000	PE	B A	TP-14 TP-15	TC-FE TC-FE
BC-09	1999	Belt Conveyor receives raw coal from belt conveyor BC-08 and crusher CR-01 (see Peerless Raw Coal Circuit) then transfers to screen SS-01 (see Preparation Plant Circuit)	800	7,008,000	PE	B B A	TP-15 TP-07 TP-16	TC-FE TC-FE TC-FW
BC-12	2005	Belt Conveyor receives raw coal from belt conveyor BC-07 and transfers to belt conveyor BC-13	1,200	10,512,000	PE	B A	TP-23 TP-24	TC-FE TC-FE
BC-13	2005	Belt Conveyor receives raw coal from belt conveyor BC-12 and transfers to open stockpile OS-03 or to belt conveyor BC-14 through flop gate	1,200	10,512,000	PE	B A A	TP-24 TP-25 TP-26	TC-FE TC-FE TC-FE

Equip- ment ID No.	Date of Construction, Reconstruction or Modification ¹	Emission Unit Description	Maximum Permitted Throughput		Control Equip- ment ²	Associated Transfer Points		
			TPH	TPY		Location: B -Before A -After	ID No.	Control Equip- ment ²
OS-03	2017	20,000 Ton Open Stockpile receives raw coal from belt conveyor BC-13 through stacking tube. Raw coal is reclaimed under pile through feeder to belt conveyor BC-17	----	7,008,000	SW-WS	B A	TP-25 TP-31	TC-FE LO-UC
BC-14	2005	Belt Conveyor receives raw coal from belt conveyor BC-13 and transfers to open stockpile OS-04	1,200	5,256,000	PE	B A	TP-26 TP-27	TC-FE TC-PE
OS-04	2017	40,000 Ton Open Stockpile receives raw coal from belt conveyor BC-14 through stacking tube. Raw coal is reclaimed under pile to belt conveyor BC-15	----	5,256,000	SW-WS	B A	TP-27 TP-28	TC-PE LO-UC
BC-15	2005	Belt Conveyor receives raw coal underpile from open stockpile OS-04 and transfers to belt conveyor BC-16	800	5,256,000	FE	B A	TP-28 TP-29	LO-UC TC-FE
BC-16	2005	Belt Conveyor receives raw coal from belt conveyor BC-15 and transfers to Preparation Plant feed conveyor BC-17	800	5,256,000	FE	B A	TP-29 TP-30	TC-FE TC-FE
Peerless Raw Coal Circuit								
BC-02	2005	Belt Conveyor receives raw coal from the Peerless Mine and transfers to open stockpile OS-01	800	7,008,000	NC	B A	TP-03 TP-04	TC-FE TC-MDH
OS-01	2017	20,000 Ton Open Stockpile receives raw coal from belt conveyor BC-02 and raw coal is loaded out underpile	----	7,008,000	SW-WS	B A	TP-04 TP-05	TC-MDH LO-UC
CR-01	2012	Raw Coal Breaker receives raw coal underpile and transfers to belt conveyor BC-03	800	7,008,000	FE	B A	TP-05 TP-06	LO-UC TC-FE
BC-03	2004	Belt Conveyor receives raw coal from breaker and transfers to belt conveyor BC-09	800	7,008,000	PE	B A	TP-06 TP-07	TC-FE TC-FE
Preparation Plant Circuit								
BC-17	2012	Plant Feed Conveyor receives raw coal from the raw coal silos BS-01, BS-02 and open stockpiles OS-03, OS-04	800	7,008,000	PE	B B B A	TP-33 TP-32 TP-31 TP-30 TP-34	LO-UC LO-UC LO-UC TC-FE TC-FW
SS-01	1999	In-Plant Single Deck Screen receives raw coal from belt conveyor BC-01 (see Eagle Mine Circuit) and from belt conveyor BC-09 (see Overland Raw Coal Circuit). Screened raw coal drops to Raw Coal Silo Feed Conveyor BC-10; oversized material (refuse) drops to In-Plant Crusher CR-03	800	7,008,000	FW	B B A A	TP-02 TP-16 TP-17 TP-49	TC-FW TC-FW TC-FW TC-FW
CR-02	2000	In-Plant Hammermill Crusher receives raw coal from In-Plant, crushes then transfers onto raw coal silo feed conveyor BC-10	800	7,008,000	FW	B A	TP-18 TP-19	TC-FW TC-FW
CR-03	2005	In-Plant Single Roll Crusher receives refuse from In-Plant Screen SS-01, crushes then transfers to refuse conveyor BC-23	100	876,000	FW	B A	TP-49 TP-50	TC-FW TC-FW
BC-10	1999	Raw Coal Silo Feed Conveyor receives screened raw coal from SS-01 and crushed raw coal from CR-02 then transfers to either raw coal silos BS-01 or BS-02 through flop gate	800	7,008,000	PE	B B A A	TP-17 TP-19 TP-20 TP-21	TC-FW TC-FW TC-FE TC-FE
BC-18	2012	Stoker Conveyor transfers Stoker Coal from plant to Stoker Bin BS-03	300	2,628,000	PE	B A	TP-35 TP-36	TC-FW TC-FE
BC-19	2012	Clean Coal Silo Feed Conveyor transfers clean coal from the Preparation Plant to clean coal silo BS-04 or to the transfer conveyor BC-20	800	7,008,000	PE	B A A	TP-39 TP-40 TP-41	TC-FW TC-FE TC-FE
BC-23	1993	Refuse Conveyor receives refuse from In-Plant Crusher CR-03 and transfers to Plant Refuse Bin BS-07 or to refuse conveyor BC-24	800	7,008,000	PE	B A A	TP-50, 51 TP-52 TP-55	TC-FW TC-FE TC-FE
Stoker Coal Circuit								
BS-03	2017	160 Ton Stoker Bin receives stoker coal from conveyor BC-18 and transfers into railcar or truck	----	7,008,000	FE	B A A	TP-35 TP-37 TP-38	TC-FW LR-TC LO-TC
Clean Coal Circuit								
BS-04	2017	7,500 Ton Clean Coal Silo receives clean coal from the clean coal silo feed conveyor BC-19. Clean Coal is reclaimed by loadout conveyor BC-22	----	7,008,000	FE	B A	TP-40 TP-45	TC-FE LO-UC
BC-20	2012	Clean Coal Transfer Conveyor receives clean coal from the clean coal silo feed conveyor BC-19 and transfers to clean coal silo BS-05	800	7,008,000	PE	B A	TP-41 TP-42	TC-FE TC-FE
BS-05	2017	10,000 Ton Clean Coal Silo receives clean coal from transfer conveyor BC-20. Clean Coal is reclaimed by loadout conveyor BC-21	----	7,008,000	FE	B A	TP-42 TP-43	TC-FE LO-UC
BC-21	2012	Clean Coal Loadout Conveyor receives clean coal from clean coal silo BS-05 and transfers to clean coal loadout conveyor BC-22	4,000	7,008,000	FE	B A	TP-43 TP-44	LO-UC TC-FE

Equipment ID No.	Date of Construction, Reconstruction or Modification ¹	Emission Unit Description	Maximum Permitted Throughput		Control Equipment ²	Associated Transfer Points		
			TPH	TPY		Location: B - Before A - After	ID No.	Control Equipment ²
BC-22	2012	Clean Coal Loadout Conveyor receives clean coal from clean coal silo BS-04 and loadout conveyor BC-21 then transfers to the Clean Coal Flood Loadout Bin BS-06	4,000	7,008,000	PE	B B A	TP-45 TP-44 TP-46	LO-UC TC-FE TC-FE
BS-06	2017	200 Ton Clean Coal Flood Loadout Bin receives clean coal from loadout conveyor BC-22. Clean coal is transferred to railcar or truck	----	7,008,000	FE	B A A	TP-46 TP-47 TP-48	TC-FE LR-TC LO-TC
Refuse Circuit								
BS-07	2017	150 Ton Refuse Bin receives refuse from refuse conveyor BC-23 and transfers to truck	----	3,504,000	FE	B A	TP-52 TP-54	TC-FE UL-MDH
BC-24	1997	Refuse Conveyor receives refuse from Plant Refuse Conveyor BC-23 and transfers to refuse conveyor BC-25	800	7,008,000	PE	B A	TP-55 TP-56	TC-FE TC-FE
BC-25	1997	Refuse Conveyor receives refuse from refuse conveyor BC-24 and transfers to refuse conveyor BC-26	800	7,008,000	PE	B A	TP-56 TP-57	TC-FE TC-FE
BC-26	1997	Refuse Conveyor receives refuse from refuse conveyor BC-25 and transfers to belt conveyor BC-27	800	7,008,000	PE	B A	TP-57 TP-58	TC-FE TC-FE
BC-27	1997	Belt Conveyor receives slurry from belt conveyor BC-43 and belt conveyor BC-26 then transfers to belt conveyor BC-28	800	7,008,000	PE	B A	TP-78,58 TP-59	TC-FE TC-FE
BC-28	1997	Belt Conveyor receives slurry from belt conveyor BC-27 and transfers to belt conveyor BC-29	800	7,008,000	PE	B A	TP-59 TP-60	TC-FE TC-FE
BC-29	1997	Belt Conveyor receives slurry from belt conveyor BC-28 and transfers to belt conveyor BC-30	800	7,008,000	PE	B A	TP-60 TP-61	TC-FE TC-FE
BC-30	1997	Belt Conveyor receives slurry from belt conveyor BC-29 and transfers to belt conveyor BC-31	800	7,008,000	PE	B A	TP-61 TP-62	TC-FE TC-FE
BC-31	1997	Belt Conveyor receives slurry from belt conveyor BC-30 and transfers to belt conveyor BC-32	800	7,008,000	PE	B A	TP-62 TP-63	TC-FE TC-FE
BC-32	1997	Belt Conveyor receives slurry from belt conveyor BC-31 and transfers to belt conveyor BC-33	800	7,008,000	PE	B A	TP-63 TP-64	TC-FE TC-FE
BC-33	1997	Belt Conveyor receives slurry from belt conveyor BC-32 and transfers to belt conveyor BC-34	800	7,008,000	PE	B A	TP-64 TP-65	TC-FE TC-FE
BC-34	1997	Belt Conveyor receives slurry from belt conveyor BC-33 and transfers to belt conveyor BC-35	800	7,008,000	PE	B A	TP-65 TP-66	TC-FE TC-FE
BC-35	2005	Belt Conveyor receives slurry from belt conveyor BC-34 and transfers to belt conveyor BC-36	800	7,008,000	PE	B A	TP-66 TP-67	TC-FE TC-FE
BC-36	2005	Belt Conveyor receives slurry from belt conveyor BC-35 and transfers to belt conveyor BC-37	800	7,008,000	PE	B A	TP-67 TP-68	TC-FE TC-FE
BC-37	2005	Belt Conveyor receives slurry from belt conveyor BC-36 and transfers to belt conveyor BC-38	800	7,008,000	PE	B A	TP-68 TP-69	TC-FE TC-FE
BC-38	1993	Belt Conveyor receives slurry from belt conveyor BC-37 and transfers to belt conveyor BC-39	800	7,008,000	PE	B A	TP-69 TP-70	TC-FE TC-FE
BC-39	1997	Belt Conveyor receives slurry from belt conveyor BC-38 and transfers to disposal area	800	7,008,000	PE	B A	TP-70 TP-71	TC-FE TC-MDH
Slurry Circuit								
SL	2017	Slurry Line transfers slurry from Plant to Slurry Building	300	2,628,000	FE	B A	TP-76 TP-76	TC-FW TC-FE
PBLDG	2017	Slurry Building receives slurry from Slurry Line and then transfers to slurry conveyor BC-43	300	2,628,000	FE	B A	TP-76 TP-76	TC-FE TC-FE
BC-43	2017	Belt Conveyor receives slurry from PBLDG and transfers to belt conveyor BC-27	300	2,628,000	PE	B A	TP-77 TP-78	TC-FE TC-FE
SL	2017	Slurry Line transfers slurry from Plant to Filter Press	300	2,628,000	FE	B A	TP-72 TP-72	TC-FW TC-FE
FPRESS	2017	Filter Press receives slurry from Slurry Line and then transfers to slurry conveyor BC-40	300	2,628,000	FE	B A	TP-72 TP-72	TC-FE TC-FE
BC-40	1997	Belt Conveyor receives slurry from Filter Press and transfers to belt conveyor BC-40	300	2,628,000	PE	B A	TP-72 TP-73	TC-FE TC-FE
BC-41	1997	Belt Conveyor receives slurry from belt conveyor BC-40 and transfers to belt conveyor BC-42	300	2,628,000	PE	B A	TP-73 TP-74	TC-FE TC-FE
BC-42	1997	Belt Conveyor receives slurry from belt conveyor BC-41 and transfers to ground	300	2,628,000	NC	B A	TP-74 TP-75	TC-FE TC-MDH

¹ In accordance with 40 CFR 60 Subpart Y, coal processing and conveying equipment, coal storage systems, and coal transfer and loading systems constructed, reconstructed, or modified on or before April 28, 2008 shall not discharge gases which exhibit 20 percent opacity or greater. Coal processing and conveying equipment, coal storage systems, and coal transfer and loading systems constructed, reconstructed, or modified after April 28, 2008 shall not discharge gases which exhibit 10 percent opacity or greater. For open storage piles constructed, reconstructed, or modified after May 27, 2009, the permittee shall prepare and operate in accordance with a fugitive coal dust emissions control plan that is appropriate for site conditions.

² Control Device Abbreviations: FE - Full Enclosure; FW - Full Enclosure with Water Sprays; PE - Partial Enclosure; PW - Partial Enclosure with Water Sprays; WS - Water Sprays; WW - Wet Wash Circuit; TC - Telescopic Chute; UC - Under-pile Conveyor; MDH - Minimize Drop Height; and NC - No Control.

Emission Limitations

Kanawha Eagle Mining, LLC South Hollow Preparation Plant	Controlled PM Emissions		Controlled PM ₁₀ Emissions	
	lb/hour	TPY	lb/hour	TPY
Fugitive Emissions				
Open Storage Pile Emissions	0.06	0.27	0.03	0.13
Unpaved Haulroad Emissions	162.43	713.38	46.94	206.17
Paved Haulroad Emissions	0.00	0.00	0.00	0.00
<i>Fugitive Emissions Total</i>	<i>162.49</i>	<i>713.65</i>	<i>46.97</i>	<i>206.30</i>
Point Source Emissions				
Equipment Emissions	13.00	56.94	6.11	26.76
Transfer Point Emissions	11.61	35.09	5.49	16.60
<i>Point Source Emissions Total (PTE)</i>	<i>24.61</i>	<i>92.03</i>	<i>11.60</i>	<i>43.36</i>
FACILITY-WIDE EMISSIONS				
	187.10	805.68	58.57	249.66

Storage Tanks

Source ID No.	Status	Content	Design Capacity			Orientation	G10-D Applicable Sections
			Volume	Diameter	Throughput		
T1	Existing	Diesel	1,000 gal.	4 feet	8,000 gallons/year	Horizontal	10
T2	Existing	Diesel	1,000 gal.	4 feet	8,000 gallons/year	Horizontal	10

Engines

Source ID	Emission Source	Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (tpy)
Gen Set - 1	Caterpillar Olympian	Nitrogen Oxides (NO _x)	1.55	0.387
		Carbon Monoxide (CO)	1.43	0.357
		Volatile Organic Compounds (VOCs)	0.613	0.153
		Sulfur Dioxide (SO ₂)	0.508	0.127
		Particulate Matter (PM<10 microns)	0.082	0.020
		Total HAPs	<0.01	<0.01
Gen Set - 2	Caterpillar NGGWV	Nitrogen Oxides (NO _x)	2.09	0.523
		Carbon Monoxide (CO)	1.93	0.482
		Volatile Organic Compounds (VOCs)	0.773	0.193
		Sulfur Dioxide (SO ₂)	0.642	0.160
		Particulate Matter (PM<10 microns)	0.110	0.028
		Total HAPs	<0.01	<0.01
Gen Set - 3	Caterpillar D150-8	Nitrogen Oxides (NO _x)	1.26	0.314
		Carbon Monoxide (CO)	1.16	0.289
		Volatile Organic Compounds (VOCs)	0.464	0.116
		Sulfur Dioxide (SO ₂)	0.385	0.096
		Particulate Matter (PM<10 microns)	0.066	0.017
		Total HAPs	<0.01	<0.01
Gen Set - 4	Caterpillar XQ20-P2	Nitrogen Oxides (NO _x)	0.345	0.086
		Carbon Monoxide (CO)	0.267	0.067
		Volatile Organic Compounds (VOCs)	0.074	0.019
		Sulfur Dioxide (SO ₂)	0.062	0.015
		Particulate Matter (PM<10 microns)	0.029	0.007
		Total HAPs	<0.01	<0.01
Gen Set - 5	Caterpillar XQ20-P2	Nitrogen Oxides (NO _x)	0.345	0.086
		Carbon Monoxide (CO)	0.267	0.067
		Volatile Organic Compounds (VOCs)	0.074	0.019
		Sulfur Dioxide (SO ₂)	0.062	0.015
		Particulate Matter (PM<10 microns)	0.029	0.007
		Total HAPs	<0.01	<0.01
Gen Set - 6	Caterpillar XQ30-6	Nitrogen Oxides (NO _x)	0.769	0.192
		Carbon Monoxide (CO)	0.540	0.135
		Volatile Organic Compounds (VOCs)	0.161	0.040
		Sulfur Dioxide (SO ₂)	0.133	0.033
		Particulate Matter (PM<10 microns)	0.043	0.011
		Total HAPs	<0.01	<0.01

Control Devices - *Not Applicable*

Control Device ID No.	Source ID No.	Date Constructed, Reconstructed, or Modified	Emission Unit Description (Make, Model, Serial No., etc.)

Reciprocating Internal Combustion Engines

Emission Unit ID No.	Emission Unit Description (Make, Model, Serial No., etc.)	Year Installed	Design Capacity (Bhp/rpm)
Gen Set - 1	Caterpillar Olympian	2013	248/1,800
Gen Set - 2	Caterpillar NGGWV	2013	313/1,800
Gen Set - 3	Caterpillar D150-8	2014	188/1,800
Gen Set - 4	Caterpillar XQ20-P2	2014	30/1,800
Gen Set - 5	Caterpillar XQ20-P2	2014	30/1,800
Gen Set - 6	Caterpillar XQ30-6	2014	65/1,800

Reciprocating Internal Combustion Engines (R.I.C.E.) Information

Emission Unit ID No.	Subject to 40CFR60 Subpart IIII?	Subject to 40CFR60 Subpart JJJJ?	Subject to Sections 9.1.4/9.2.1 (Catalytic Reduction Device)
Gen Set - 1	Yes		No
Gen Set - 2	Yes		No
Gen Set - 3	Yes		No
Gen Set - 4	Yes		No
Gen Set - 5	Yes		No
Gen Set - 6	Yes		No